

Title (en)

Apparatus for printing and applying an adhesive patch

Title (de)

Gerät zum Bedrucken und Anbringen eines Kleberpflasters

Title (fr)

Dispositif pour imprimer et appliquer une pièce adhésive

Publication

EP 1820733 A1 20070822 (EN)

Application

EP 07002118 A 20070131

Priority

GB 0603023 A 20060215

Abstract (en)

An apparatus(10) for printing and applying a patch (15) which has a face with adhesive, to an article (18), the apparatus (10) including a printing module (12) and a patch applying module(14; 14a, 14b), the printing module (12) including a transport mechanism (22) for transporting the patch (15) when removeably adhered to a backing (16), through a printing station (23) where a print head (24) is provided for effecting printing on the patch (15), and the printing module (12) including a patch removing mechanism (48, 49) for removing the patch (15) from the backing (16) after printing and for feeding the patch (15) through a printing module opening (17 a , 17 b), to the patch applying module (14; 14a, 14b) which is located at or adjacent to a face (40, 41) of the printing module (12), for applying to the article (18), and characterised in that the printing module (12) has first and second faces (40, 41) each with an opening (17 a , 17 b) through which the printed patch (15) may be fed by the patch removing mechanism (48, 49), and the patch applying module (14) is locatable at at least either of the first face (40) or the second face (41) of the printing module (12) depending upon the relative position of the article (18) to which the patch (15) is to be applied.

IPC 8 full level

B65C 9/00 (2006.01); **B65C 9/18** (2006.01)

CPC (source: EP GB US)

B65C 1/02 (2013.01 - GB); **B65C 1/025** (2013.01 - GB); **B65C 9/0062** (2013.01 - EP US); **B65C 9/18** (2013.01 - GB); **B65C 9/1826** (2013.01 - EP US); **B65C 9/1865** (2013.01 - GB); **B65C 9/1869** (2013.01 - GB); **Y10T 156/1705** (2015.01 - EP US); **Y10T 156/1707** (2015.01 - EP US)

Citation (search report)

- [A] US 5865918 A 19990202 - FRANKLIN RICHARD D [US], et al
- [A] US 2003041973 A1 20030306 - SOTO WILFREDO [US], et al
- [A] DE 19821546 C1 19990805 - WEBER MARKING SYSTEMS GMBH [DE]
- [A] US 2005263535 A1 20051201 - SMITH STEVEN L [US]
- [A] WO 0247984 A1 20020620 - MC 3 [FR], et al

Cited by

EP2108590A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1820733 A1 20070822; GB 0603023 D0 20060329; GB 2435256 A 20070822; US 2007209755 A1 20070913

DOCDB simple family (application)

EP 07002118 A 20070131; GB 0603023 A 20060215; US 67264307 A 20070208